

Atty Dkt A213 1010.1

**REMARKS**

In the September 23, 2004 office action, claims 11, 12, 23, 24 and 26-32 were withdrawn from consideration; claims 33-44 were allowed; claims 3-7, 9, 10, 13, 15-21 and 25 were deemed allowable, if written in independent form to include the limitations of their respective base claims and any intervening claims. Finally, claims 1, 2, 8, 14 and 22 were rejected under 35 USC 102(b) and/or 35 USC 102(e).

Claims 1-10, 13-22, 25 and 33-69 are pending for the Examiner's consideration. If pending claims 1 and 14 are allowed, the Examiner is asked to reverse the withdrawal of claims 11, 12, 23 and 24 and allow them as well.

**Amendment to the Claims**

Claim 1 has been amended to recite that the "first fiber optic collimator (is) *supported by* said support" (emphasis added).

Claim 14 has been amended to recite "a first shutter coupled to said deposition chamber and movable from an open position to a closed position that prevents incoming deposition material from contacting at least a first portion of the substrate."

New dependent claims 45-57 all have allowed claim 33 as their base claim. Of these, claims 45-50 are similar to claims that depend on claim 14 and so were previously considered by the Examiner, and are supported by the original specification. Claims 51-57 are also supported by the original specification, at pages 13-15. It is believed that since base claim 33 has been allowed, all of claims 33-57 should be allowed, as well.

New dependent claims 58-64 all have independent claim 14 as their base claim, and are similar to claims 51-57. If independent claim 14 is allowed, all of claims 58-64 should be allowed, as well.

New dependent claims 65-67 all have dependent claim 13 as their base claim, and are believed to be supported by the original specification. Since dependent claim 13 was deemed allowable in the first office action, it is submitted that claims 65-67 are allowable as well.

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New independent claim 68 is directed to a processing chamber for the formation of thin films and is similar to allowed independent claim 33. However, claim 68 recites, *inter alia*, an "optical device" instead of a "fiber optic collimator"; and is not limited to deposition.

New independent claim 69 is similar to claim 1, but recites the 'support' appearing in claim 1, in "means plus function" format. The word "support" in claim 1 is not intended to invoke 35 USC 112, 6 treatment.

#### **Rejection of Independent Claim 1 under 35 USC 102(b) & 102(e)**

Original independent claim 1 recited, in pertinent part, "a support configured to be attached on an inside of a deposition chamber" and "a first fiber optic collimator coupled to said support".

Original claim 1 was rejected under 35 USC 102(b) as being anticipated by Grimbergen (USP 6,129,807). In formulating the rejection of original claim 1, the Examiner argued that Grimbergen's "substrate support pedestal 108" read on the claim 1's "support", and further argued that Grimbergen's "collimating assembly 126" was optically coupled to the "substrate support pedestal 108", and that this read on the claim 1 language "a first fiber optic collimator coupled to said support".

Original claim 1 was also rejected under 35 USC 102(e) as being anticipated by Somekh (USP 6,381,021). In formulating the rejection of original claim 1, the Examiner asserted that Somekh's "pedestal 104" read on the claim 1's "support", and further argued that Somekh's "optical device 276" was optically coupled to the "pedestal 104", and that this read on the claim 1 language "a first fiber optic collimator coupled to said support".

Amended claim 1 now recites that the "first fiber optic collimator (is) supported by said support". It is clear from Grimbergen's Fig. 1, that Grimbergen's "collimating assembly 126" is not *supported by* the "substrate support pedestal 108". It is also clear from Somekh's Figs. 1 and 5, that "optical device 276" is not *supported by* the "pedestal 104". Accordingly, it is submitted that claim 1 defines over either Grimbergen or Somekh, so is in allowable form.

#### **Rejection of Independent Claim 14 under 35 USC 102(e)**

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Pending claim 14 now recites "a first shutter coupled to said deposition chamber and movable from an open position to a closed position that prevents incoming deposition material from contacting at least a first portion of the substrate". This clearly is patentable over Somekh's "fixed blocker plate 124" that is provided with "passageways 126". Accordingly, it is submitted that pending claim 14 defines over Somekh.

With respect to all claims under rejection that are not specifically mentioned, it is submitted that these are patentable not only by virtue of their dependency on their respective base claims, and any intervening claims, but also for the totality of features recites therein.

**Withdrawn claims 11, 12, 23 & 24**

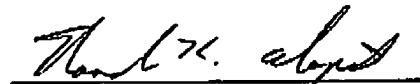
Withdrawn claims 11, 12, 23 & 24 rely on either claim 1, or claim 14, as their base claim. Applicant requests that in the event claims 1 and 14 are allowed, that claims 11, 12, 23 and 24 be allowed as well.

Claims 1-25 and 33-69 are believed to be allowable over the prior art of record. An early notice of allowance is solicited so that the application may proceed to issue.

A separate Fee Transmittal Sheet is enclosed.

Respectfully Submitted,

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